

FIG. 1

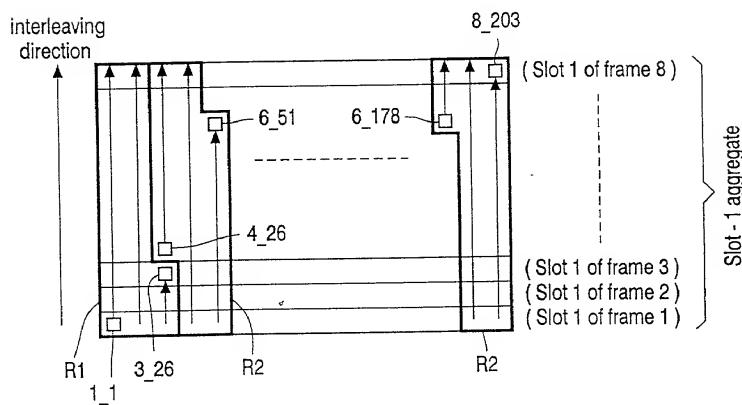


FIG. 3

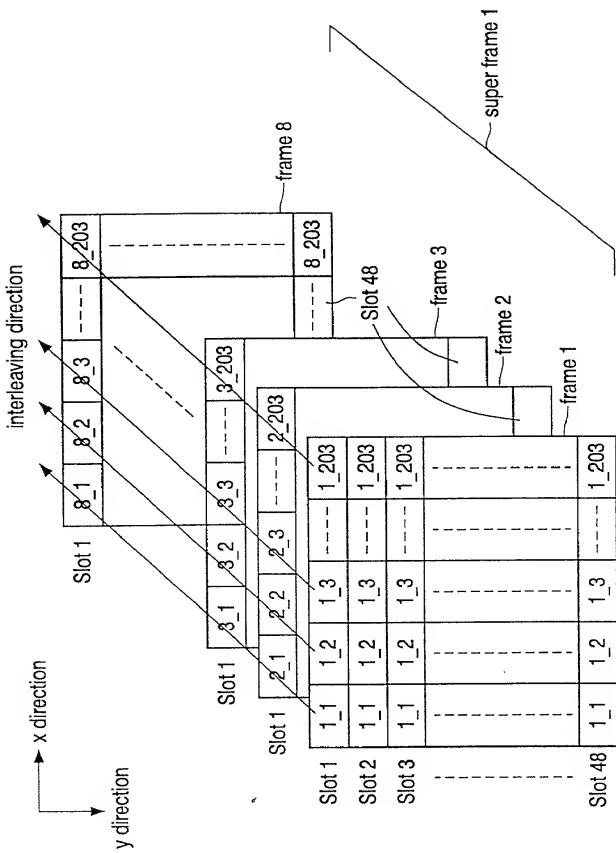


FIG. 2

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		first-column		second-column		third-column		---		seventh-column		eighth-column	
address	0 1 2 ---	25	26 27 28	51	52 53 54	77	7	1 1 1	1	1 1 1	1	1 1 1	2
first-row	1 1 1 ---	1	2 2 2	2	3 3 3	3	7	5 5 5	8	8 8 8	8	8 8 8	0
	1 2 3 ---	26	1 1 1	1	1 1 1	1	7	7 7 7	7	8 8 8	8	8 8 8	7
first-row	2 2 2 ---	1	2 2 2	2	2 2 2	2	1	1 1 1	1	1 1 1	1	1 1 1	1
	0 0 1 ---	3	3 3 3	3	3 3 3	3	1	1 1 1	1	1 1 1	1	1 1 1	1
second-row	8 9 0 ---	3	4 5 6	5	6 7 8	9	26	1 2 3	26	1 2 3	26	1 2 3	26
	27 28 29	52	27 28 29	52	27 28 29	52	10	1 2 3	16	1 2 3	16	1 2 3	16
second-row	1 1 1 ---	1	2 2 2	2	2 2 2	2	1	1 1 1	1	1 1 1	1	1 1 1	1
	28 29 30	53	28 29 30	53	28 29 30	53	1	1 1 1	1	1 1 1	1	1 1 1	1
seventh-row	1 1 1 ---	1	1 1 1	1	1 1 1	1	49	1 1 1	1	1 1 1	1	1 1 1	1
	157 158 159	182	157 158 159	182	157 158 159	182	49	1 1 1	56	1 1 1	56	1 1 1	56
seventh-row	1 1 1 ---	1	1 1 1	1	1 1 1	1	1 1 1	1 1 1	1	1 1 1	1	1 1 1	1
	183 203	203	183 203	203	183 203	203	58	1 1 1	1	1 1 1	1	1 1 1	1
eighth-row	1 1 1 ---	1	1 1 1	1	1 1 1	1	1 1 1	1 1 1	1	1 1 1	1	1 1 1	1
	183 203	203	183 203	203	183 203	203	57	1 1 1	64	1 1 1	64	1 1 1	64

(column direction R)
 (row direction R')
 (row direction L)
 (row direction L')

FIG. 4

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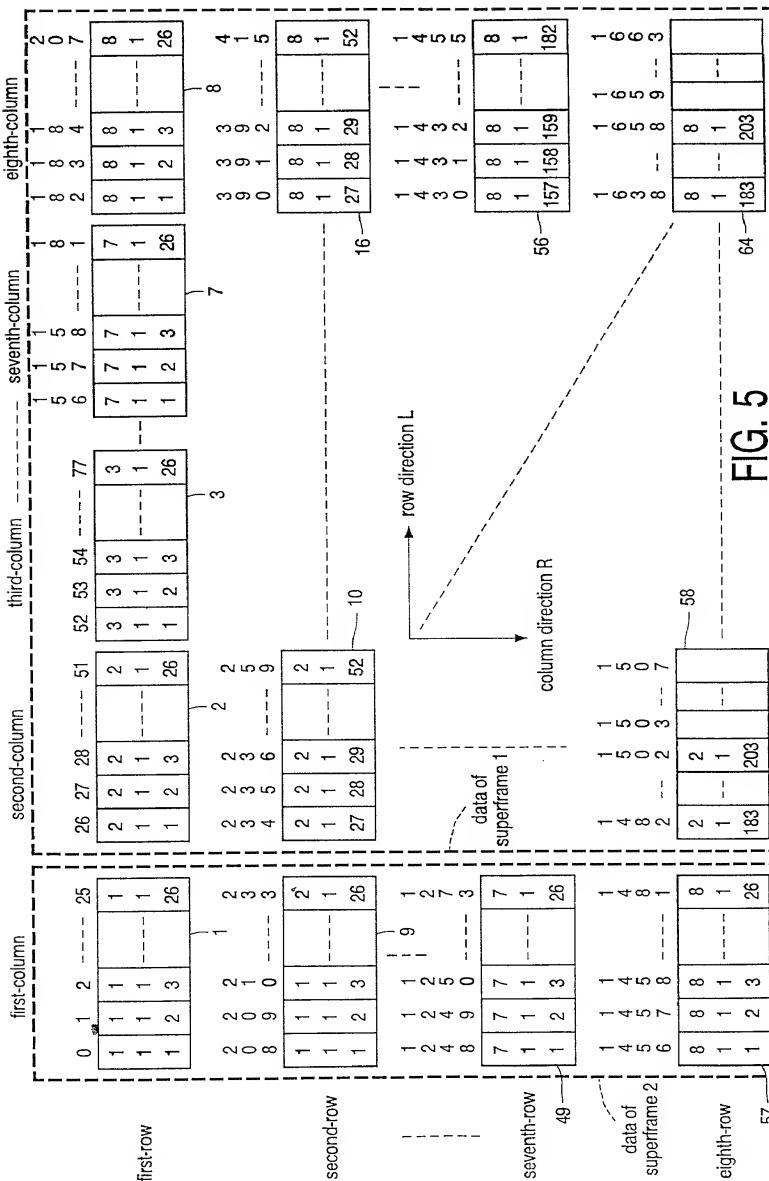
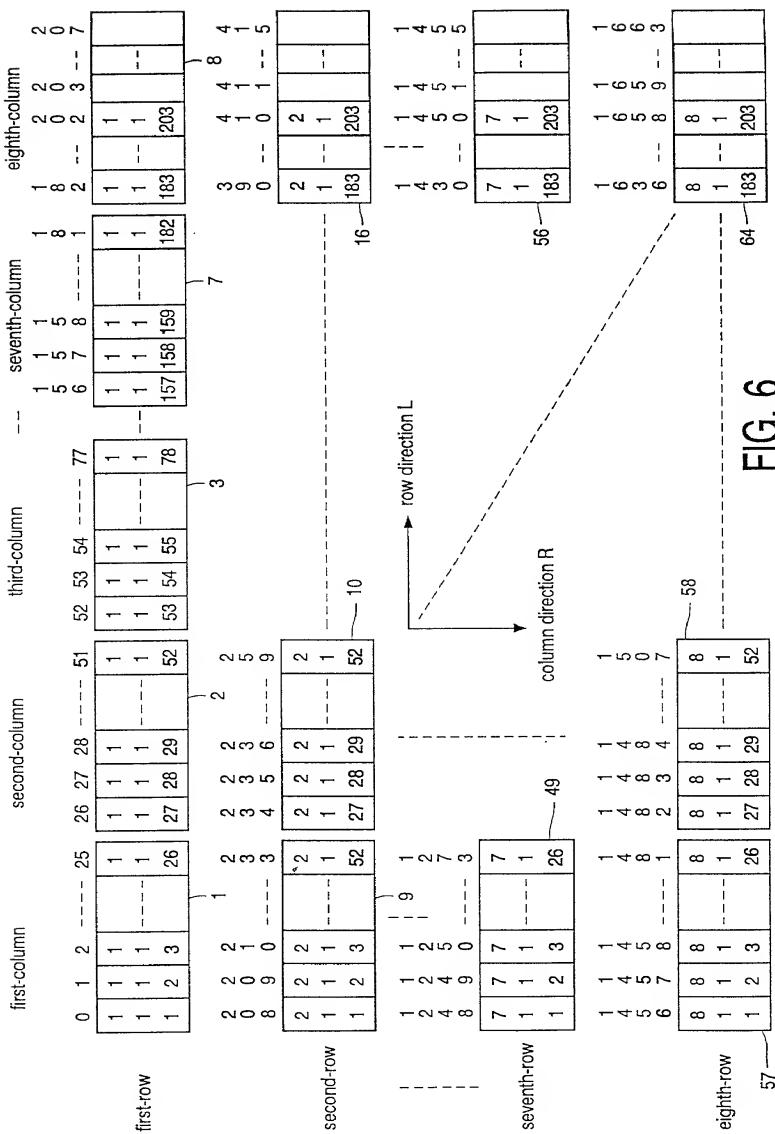


FIG. 5

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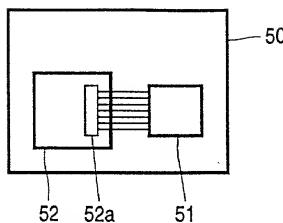


FIG. 7

FIG. 8: A memory array diagram showing a 7x8 grid of memory cells. The columns are labeled from 0 to 7, and the rows are labeled from first-row to eighth-row. The array is divided into two sections: a 7x7 section on the left and a 1x2 section on the right. A dashed line connects the bottom of the 7x7 section to the top of the 1x2 section. An arrow labeled "row direction L" points to the left, and an arrow labeled "column direction R" points to the right.

	first column	second column	third column	---	seventh column	eighth column
address	0	1	2	---	6	7
first-row	1_1	2_1	3_1	---	7_1	8_1
second-row	1_2	2_2	3_2	---	7_2	8_2
...	48	49	50	...	54	55
seventh-row	1_7	2_7	3_7	---	7_7	8_7
eighth-row	56	57	58	---	62	63

row direction L

column direction R

FIG. 8

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	first column	second column	third column	---	seventh column	eighth column
address	0	1	2	---	6	7
first-row	1_8	2_1	3_1	---	7_1	8_1
second-row	2_8	2_2	3_2	---	7_2	8_2
	48	49	50		54	55
seventh-row	7_8	2_7	3_7	---	7_7	8_7
	56	57	58		62	63
eighth-row	8_8			---		

→ row direction L

column direction R

FIG. 9

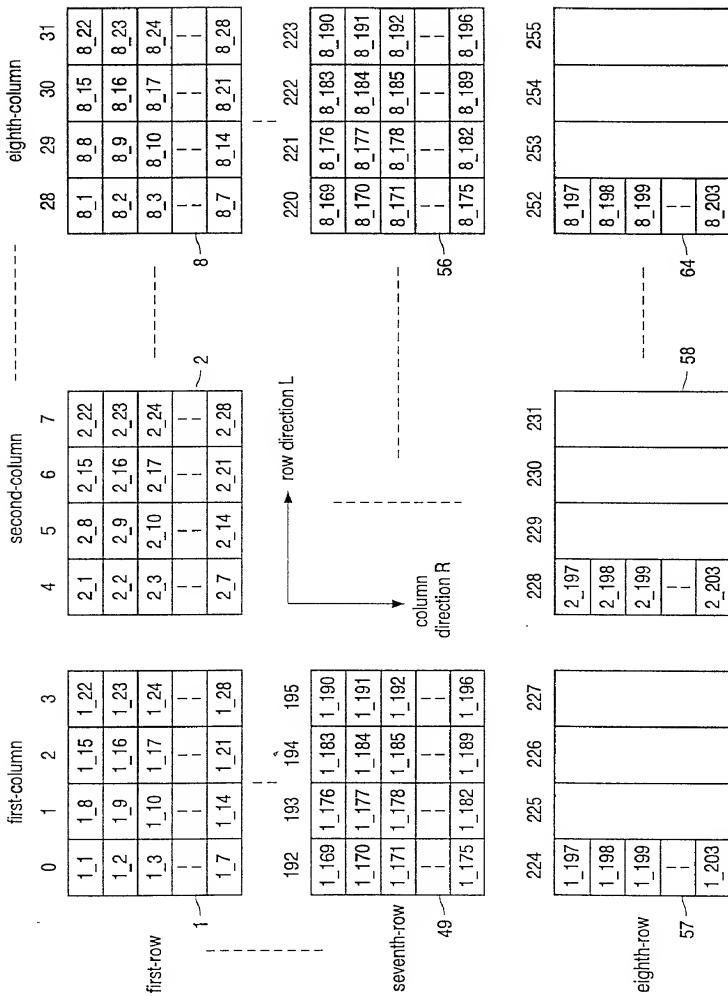
	first column	second column	third column	---	seventh column	eighth column
address	0	1	2	---	6	7
first-row	1_8	1_9	1_10	---	1_14	
second-row	2_8	2_9	2_10	---	2_14	
	48	49	50		54	55
seventh-row	7_8	7_9	7_10	---	7_14	
	56	57	58		62	63
eighth-row	8_8	8_9	8_10	---	8_14	

→ row direction L

column direction R

FIG. 10

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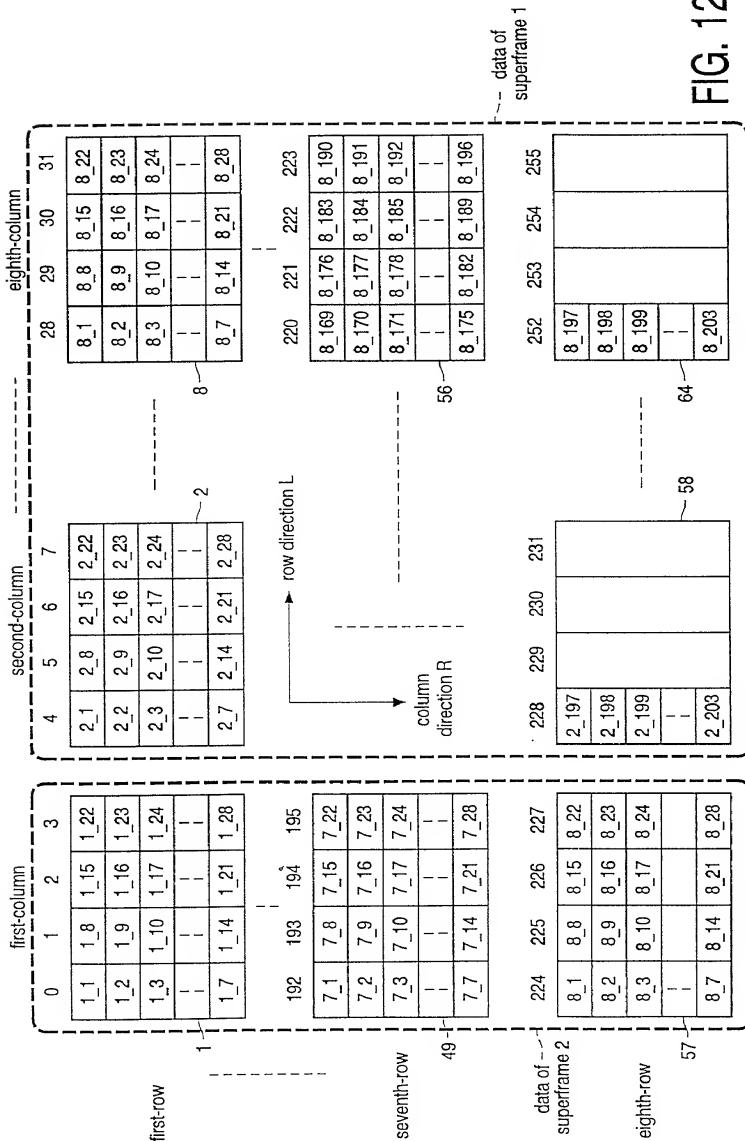
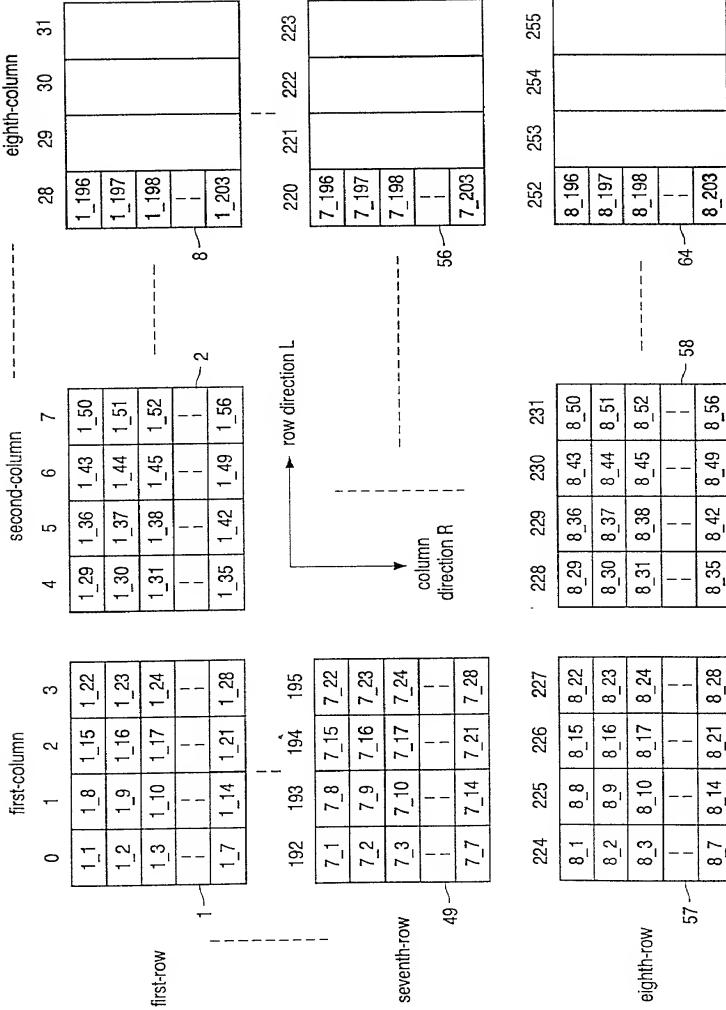


FIG. 12

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